

Abstract

The invention relates to a method of controlling elements used to execute the elementary functions (11, 16, 19, 21, 27-31) of internal combustion engines (2). The inventive method consists in: controlling the elements using measurement signals provided by sensors, determining theoretical signals that have to be provided by reference sensors (27, 29) at the current operating point of the engine, determining the deviations between the theoretical signals and the signals measured by the reference sensors (27, 29) and establishing signal correction instructions for the elements (11, 16, 19, 21, 27-31) according to the determined deviations.